

arcsec derivative

AI generated article from Bing

Question #2250e - Socratic

$\frac{1}{2} \text{arcsec}^2(x) + C > I = \int (\text{arcsec}(x)) / (\sqrt{x^2 - 1}) dx$ Let $x = \sec\theta$. This implies that $dx = \sec\theta \tan\theta d\theta$. Also it means that $\theta = \text{arcsec}(x)$. Then: $I = \int \theta / (\sec\theta \sqrt{\sec^2\theta - 1}) (\sec\theta \tan\theta d\theta)$ Note that $\sec^2\theta - 1 = \tan^2\theta$: $I = \int \theta / (\sec\theta \tan\theta) (\sec\theta \tan\theta d\theta)$ $I = \int \theta d\theta$ $I = \frac{1}{2} \theta^2 + C$ $I = \frac{1}{2} \text{arcsec}^2(x) + C$

Sign in to your account - answers.microsoft.com

Sign in to your account [Terms of use](#) [Privacy & cookies](#) ...

Graphing Inverse Trigonometric Functions - Socratic

Questions and Videos on Graphing Inverse Trigonometric Functions, within Trigonometry

Answers created by James - Socratic

Q&A and Videos that make learning easy. Math, History, Chemistry, Algebra, Calculus, Biology and more.

Answers created by Kalyanam S. - Socratic

Q&A and Videos that make learning easy. Math, History, Chemistry, Algebra, Calculus, Biology and more.

Artificial Intelligence - Building Socratic

Read writing about Artificial Intelligence in Building Socratic. Making learning easier.

Answers created by Zero Two - Socratic

Q&A and Videos that make learning easy. Math, History, Chemistry, Algebra, Calculus, Biology and more.

Question #7a784 - Socratic

"170 mL" Your strategy here will be to write a balanced chemical equation for this single replacement reaction use the molar volume of a gas at STP to find the number of moles of hydrogen gas present in that volume use the mole ratio that exists between sulfuric acid and hydrogen gas to find the number of moles of the former needed to produce that many moles of the latter use the sulfuric acid ...

Site Map - Mass Spectrometry Questions and Videos | Socratic

Questions and Videos on Mass Spectrometry, within Organic Chemistry

Answers created by Trevor Ryan. - Socratic

Q&A and Videos that make learning easy. Math, History, Chemistry, Algebra, Calculus, Biology and more.